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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

09/988,338

11/19/2001

Jean Sini

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23517 7590 02/20/2008

BINGHAM MCCUTCHEN LLP

2020 K Street, N.W.

Intellectual Property Department

WASHINGTON, DC 20006

EXAMINER

TRAN, QUOC A

ART UNIT

PAPER NUMBER

2176

MAIL DATE

DELIVERY MODE

02/20/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|--------------------------------------|------------------------------------|--|
| Office Action Summary | Application No. 09/988,338 | Applicant(s) SINI ET AL. | |
| | Examiner Quoc A. Tran | Art Unit 2176 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 December 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-11,13-19 and 21-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-11,13-19 and 21-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 December 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Applicant's Response

In Applicant's Response dated 12/21/2007, Applicant amended independent claims 1, 9 and 17, cancelled Claims 4, 12, and 20 and argued against the newly added portions. Filing date was 11/19/2001 (ORACLE).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 5-11, 13-19, and 21-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Jiang, et al.** (US 20060276196A1 CON of US Pat No. 7,092,370, filed August 16, 2001) [hereinafter "Jiang"], in view of **Immonen, et al.** (US20020077993A1, filed December 18, 2000) [hereinafter "Immonen"],

Regarding **independent claim 1**, Jiang teaches:

comprising the steps of: invoking an application program in response to an indication from a user of a mobile device to do so,
(See Fig. 2 and Para 70 Page 3, Jiang discloses this limitation in that an XML engine and an infrastructure engine interface supported a wireless application protocol (WAP)

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gateway, a WAP push gateway, a two-way wallet service for mobile device.)

generating content of the application program in an initial format,

(See Figure 2-3; and at Page 6 Para 95, and Para 438-440 at Page 27, Jiang discloses this limitation in that the user puts the information into his or her electronic wallet using the mobile wallet service 3002, the information is automatically presented to requesting parties whenever and wherever required, wherein the data is pre-formatted in XML (Initiated format).

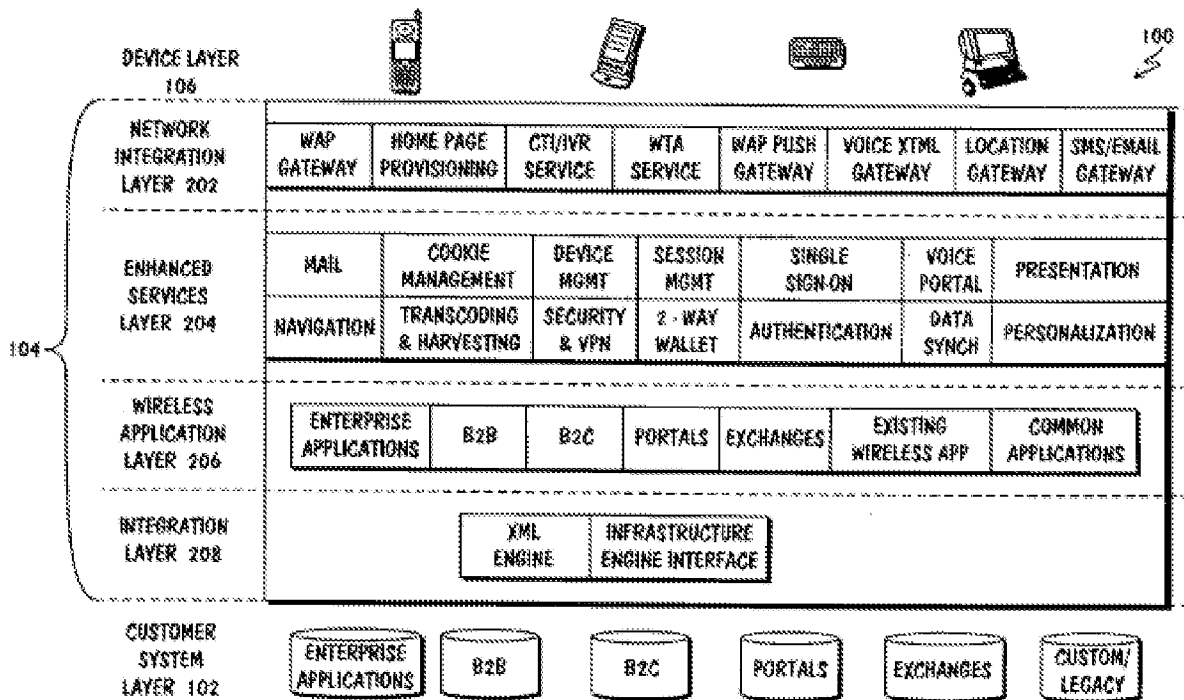
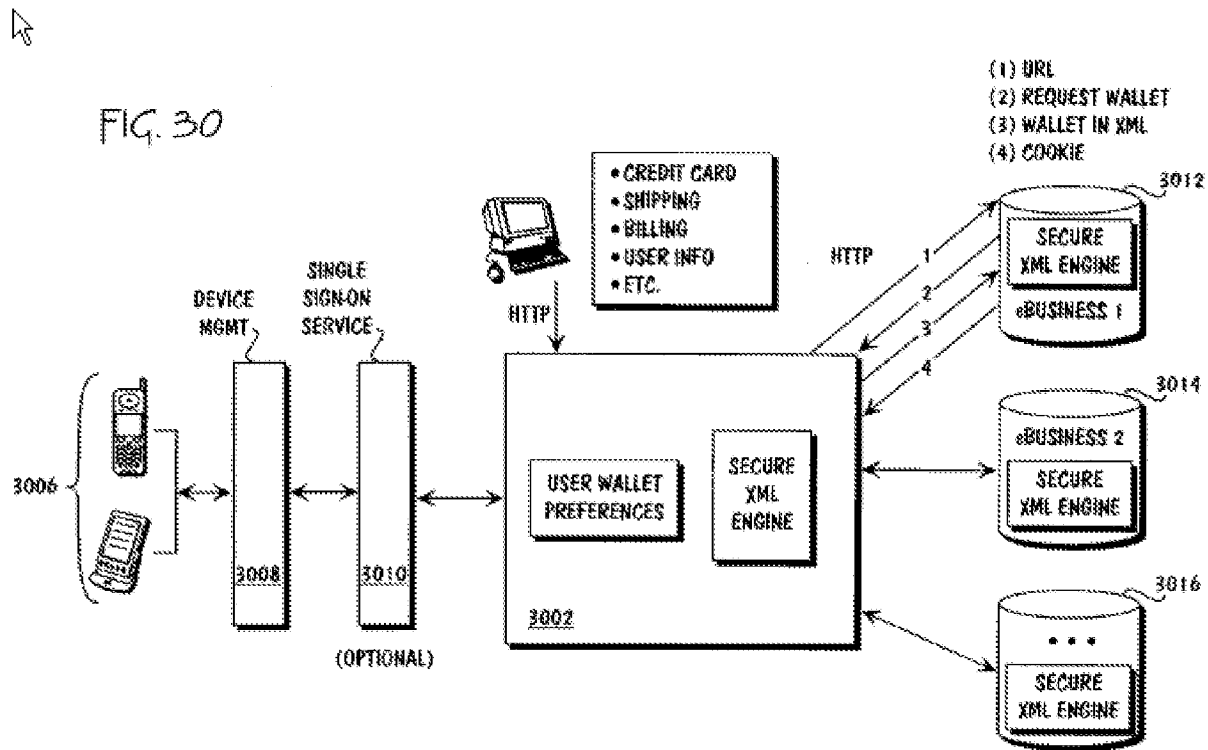


FIG. 2

wherein the content includes a plurality of fields that were automatically filled in with data obtained from compartments of a plurality of wallets;

(See Paragraph 330 Page 20, Jiang discloses this limitation in that the data used for autofill is form data previously entered by the user, and can be data in the user's electronic wallet. Each field of a form (i.e. form has plurality of fields) is intelligently recognized and classified to allow future autofill of the field of the same classification. For example, an email address that is recognized for an email field on a form can be used to fill in email fields of any forms. To ensure security and privacy, the autofill is based upon user preferences and application domain settings so that certain form data will not be autofilled,

Also Jiang further discloses a mobile wallet service 3002 is illustrated in FIG. 30. The mobile wallet service 3002 lets a user securely store data and use the data to make purchases of goods or services from various parties without refilling forms with required information, such as credit card number, health club card number, or shipping address. Once the user puts the information into his or her electronic wallet using the mobile wallet service 3002, (i.e. plurality of wallets) the information is automatically presented to requesting parties whenever and wherever required- See Jiang at Para 438 Page 27.)



analyzing the generated content to determine the initial format and determining if the initial format is one of a plurality of formats supported by the mobile device; if so, transmitting the generated content to the mobile device in the initial format; otherwise, translating the generated content from the initial format to one of the plurality of formats supported by the mobile device,

(See Figure 2-3; and at Page 6 Para 95, Jiang discloses this limitation in that the conversion component of the call agent 701 verifies that the audio requested by the customer application 702 is correctly formatted (i.e. initiated format), and converts the

audio content to a .wav file if necessary. For example, the audio input is provided as a .txt file, the text is given to a text-to-speech (TTS) module for conversion to a .wav file for mobile users that is not suited for the small screens typical of WAP-enabled mobile devices such as wireless device 706.)

the format supported by the mobile device being different than the initial format of the content, wherein the determining and translating is performed, and transmitting the generated content to the mobile device in the format supported by the mobile device.

(See Figure 2-3; and at Page 6 Para 95, Jiang discloses this limitation in that the conversion component of the call agent 701 verifies that the audio requested by the customer application 702 is correctly formatted (i.e. initiated format), and converts the audio content to a .wav file if necessary. For example, the audio input is provided as a .txt file, the text is given to a text-to-speech (TTS) module for conversion to a .wav file for mobile users that is not suited for the small screens typical of WAP-enabled mobile devices such as wireless device 706.)

In addition Jiang does not expressly teach, but Immonen teaches:

A method for automatically translating content,

(See Immonen Figure 1; see Page 1, Paragraph 0005 → Immonen discloses this limitation in that the prior art includes a WAP gateway that translates web content from an HTML format to a WML format for display on a mobile device),

Also, see Immonen col. 18 line 10, illustrating form 500, list content, categories, and into the following form section(s) item 508, that are included plurality of check

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boxes item 520, 522, 524, and 526 associate to the plurality of check boxes of “into the following form section(s) item 528, 530, and 532 for manipulation of a collection through a plurality of check boxes indicating documents and a plurality of check boxes associated with actions.)

Accordingly, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the method for automatically translating content, disclosed in Immonen, to include: generating content of the application program in an initial format, analyzing the generated content to determine the initial format and determining if the initial format is one of a plurality of formats supported by the mobile device; if so, transmitting the generated content to the mobile device in the initial format; otherwise, translating the generated content from the initial format to one of the plurality of formats supported by the mobile device, the format supported by the mobile device being different than the initial format of the content, wherein the determining and translating is performed, and transmitting the generated content to the mobile device in the format supported by the mobile device as taught by Jiang, for the purpose of ever come the short coming of the traditional techniques for accessing WAP. On many wireless devices, the WAP browser will not maintain its state while the SMS message is being accessed. Therefore, the user must re-enter the WAP registration application to supply the code. Because use of the registration application in most cases will require the manual entry of a URL into a wireless device, re-entry involves repeating that manual entry, thus imposing a major barrier to use of the application- See Jiang at Para 11.0

*Regarding **independent claim 9**,*

is directed to a system embedded therein a processor operable to execute computer program instructions; and a memory operable to store computer program instructions executable by the processor, for performing the steps of claim 1 cites above, and is similarly rejected along the same rationale (see Jiang para 95, discloses WAP-enabled mobile devices such as wireless device).

*Regarding **independent claim 17**,*

is directed to a computer program product, a computer readable medium; computer program instructions, recorded on the computer readable medium, executable by a processor, for performing the steps of claim 1 cites above, and is similarly rejected along the same rationale (see Jiang para 95, discloses WAP-enabled mobile devices such as wireless device, and also see Jiang at Para 105, discloses applications programming interface (API).).

Claim 2:

Jiang discloses **the initial format of the content is wireless markup language, extensible markup language, or hypertext markup language.** (see Figure 21; see Page 20 Paragraph 0333 → Jiang discloses this limitation in that the prior art includes a user making a WML request to the WAP gateway by specifying a URL using the mobile device).

Claim 3:

Jiang discloses **the plurality of formats supported by the mobile device is any combination of: wireless markup language, extensible markup language, and hypertext markup language.** (see Figure 21; see Page 20 Paragraph 0333 → Jiang discloses this limitation in that the prior art includes a user making a WML request to the WAP gateway by specifying a URL using the mobile device).

Claim 5:

Jiang discloses **wherein the translating step comprises the steps of: translating the content transmitted from the application program from the initial format of the content to an intermediate format of the content, wherein the intermediate format is different than the initial format; and translating the intermediate format of the content to the format supported by the mobile device, wherein the intermediate format is different than the format supported by the mobile device.** (See Figure 2-3; and at Page 6 Para 95, Jiang discloses this limitation in that the conversion component of the call agent 701 verifies that the audio requested by the customer application 702 is correctly formatted (i.e. initiated format), and converts the audio content to a .wav file if necessary. For example, the audio input is provided as a .txt file, the text is given to a text-to-speech (TTS) module for conversion to a .wav file for mobile users that is not suited for the small screens typical of WAP-enabled mobile devices such as wireless device 706.)

Claims 6, 7, and 8:

Jiang discloses **wherein the initial format of the content is wireless markup language, extensible markup language, or hypertext markup language, wherein the intermediate format is wireless markup language, extensible markup language, or hypertext markup language; wherein the format supported by the mobile device is wireless markup language, extensible markup language, or hypertext markup language.** (See Figure 2-3; and at Page 6 Para 95, Jiang discloses this limitation in that the conversion component of the call agent 701 verifies that the audio requested by the customer application 702 is correctly formatted (i.e. initiated format), and converts the audio content to a .wav file if necessary. For example, the audio input is provided as a .txt file, the text is given to a text-to-speech (TTS) module for conversion to a .wav file for mobile users that is not suited for the small screens typical of WAP-enabled mobile devices such as wireless device 706. Also Jiang further discloses a user making a WML request to the WAP gateway by specifying a URL using the mobile device- See Jiang Figure 21; see Page 20 Paragraph 0333.)

Claims 10 and 11 respectively:

the rejection of claims 2-3 respectively are fully incorporated, and similarly rejected along the same rationale.

Claims 13 and 14 respectively:

the rejection of claims 5-6 respectively are fully incorporated, and similarly rejected along the same rationale.

Claims 15 and 16 respectively:

the rejection of claims 7-8 respectively are fully incorporated, and similarly rejected along the same rationale.

Claims 18 and 19 respectively:

the rejection of claims 2-3 respectively are fully incorporated, and similarly rejected along the same rationale.

Claims 21-24 respectively:

the rejection of claims 5-8 respectively are fully incorporated, and similarly rejected along the same rationale.

Claim 25:

Jiang discloses **wherein the form is filled-in with information relating to the user before being translated.** (See Paragraph 330 Page 20, Jiang discloses this limitation in that the data used for autofill is form data previously entered by the user, and can be data in the user's electronic wallet. Each field of a form (i.e. form has plurality of fields) is intelligently recognized and classified to allow future autofill of the

field of the same classification. For example, an email address that is recognized for an email field on a form can be used to fill in email fields of any forms. To ensure security and privacy, the autofill is based upon user preferences and application domain settings so that certain form data will not be autofilled,

Also Jiang further discloses a mobile wallet service 3002 is illustrated in FIG. 30. The mobile wallet service 3002 lets a user securely store data and use the data to make purchases of goods or services from various parties without refilling forms with required information, such as credit card number, health club card number, or shipping address. Once the user puts the information into his or her electronic wallet using the mobile wallet service 3002, (i.e. plurality of wallets) the information is automatically presented to requesting parties whenever and wherever required- See Jiang at Para 438 Page 27.)

Claims 26 and 27:

the rejection of claim 25 is fully incorporated, and similarly rejected along the same rationale.

Response to Arguments

Applicant's arguments with respect to the claims have been considered but are moot in view of the new grounds of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is 571-272-8664. The examiner can normally be reached on Monday through Friday from 9 AM to 5 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton can be reached on 571-272-4137. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Quoc A, Tran/
Patent Examiner
Art Unit 2176
02/12/2008

/Doug Hutton/
Doug Hutton
Supervisory Primary Examiner
Technology Center 2100

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